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Fire TIES

• Training • Investigation • Education • Statistics

Fire Ties is a Joint Publication of the Michigan State Fire Marshal's Office and Michigan Fire Fighters Training Council



Special Interest:

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Joining the Fight Against Arson May 4-10, 2003 Proclaimed Arson Awareness Week

By Colleen Mohr, Public Education Coordinator, State Fire Marshal's Office

Governor Jennifer Granholm has declared May 4-10, 2003 as **Arson Awareness Week** in Michigan.

According to incidents submitted by participating Michigan fire departments through the National Fire Incident Reporting System (NFIRS), one out of every five fires in Michigan is reported as an arson or suspicious fire. These fires accounted for 26% of the total fires reported in 2001 and caused an estimated \$222,011,880 in property losses.

Arson is the intentional setting of a destructive fire and every community experiences its devastation in one manner or another. It might take the form of a lost community business, creating lost jobs, products, services, and erosion of the community infrastructure and tax base. It might take the form of police and fire investigators, who spend days, weeks or months of precious time and very limited resources in pursuing a successful prosecution of those responsible. Or, tragically, it might take the form of a friend or family member who loses a loved one in a fire that is intentionally set, creating a loss that can never be replaced.

Arson is a crime of violence, with hundreds of thousands of

dollars spent annually in training and equipment for investigation of the offense and prosecution of the violators. With current budget restrictions on all levels of government, we must become more proactive in our approaches to reduce the numbers of deliberately set fires and, in turn, the associated costs. This is where you come in!

The Michigan Arson Prevention Committee (MAPC), a group of business, government and insurance industry representatives, is working to reduce arson in this state, but it needs your help to highlight the crime of arson in your community during Arson Awareness Week. Here are some suggestions to assist you in your efforts:

* **Contact your local media.**

Offer to provide information or volunteer a member of your department to personally contact local newspapers, television and radio stations. Use statistics, both local and state, to reinforce the need to focus more attention on this issue.

* **Talk to your community.** Offer to speak at community organizations or school functions. The more information you provide, the more involved your community will become in protecting their valuable resources.

* **Approach your local govern-**

ment. Declare May 4-10, 2003 as Arson Awareness Week in your community and have your mayor, president or council attend public events organized by your fire department to talk about this issue.

The Michigan Arson Prevention Committee also coordinates an arson tipline (**1.800.44ARSON**) and subsequent reward program that encourages reluctant witnesses to come forward and provide information on those who have committed the crime of arson. Up to \$5,000 may be awarded to an individual who provides information that results in the arrest of an arsonist.

Additional materials are available from the MAPC that will assist you in your efforts to combat arson in your community. Full color posters for display in public buildings and schools are available by contacting Jim LaBuhn, MAPC Executive Director, at 586.228.9486 or David Row, Public Awareness Subcommittee Chair, at 248.858.5453.

A sample proclamation is available on our web site at www.michigan.gov/msp (click on Services to Governmental Agencies, and State Fire Marshal).

Together, we can help reduce the devastation of arson in our state and our communities.

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Fire Deaths

8 Fire Deaths Reported in February 2003

Name	Age	Sex	Date of Fire	Cause of Fire	Responding Fire Dept	Cause of Death	Smoke Detector Present	Smoke Detector Operational
Penkala, S.	55	F	1/15/03	accidental	Shelby Twp/5018	smoke inhalation	unknown	
White, K.	8	M	1/19/03	undetermined	Detroit/8207	smoke inhalation	no	
White, K.	12	M	1/19/03					
Riley, C.	49	F	1/26/03	accidental	Detroit/8207	smoke inhalation	yes	no
Baird, R.	9	M	1/26/03					
Thompson, A.	43	F	1/27/03	accidental	Clawson/6311	smoke inhalation	yes	no
Jennings, A.	35	M	2/12/03	accidental	Carrollton Twp/7306	smoke inhalation	yes	no
Weaver, N.	58	F	2/19/03	accidental	Harrison Twp/5008	unknown	yes	yes

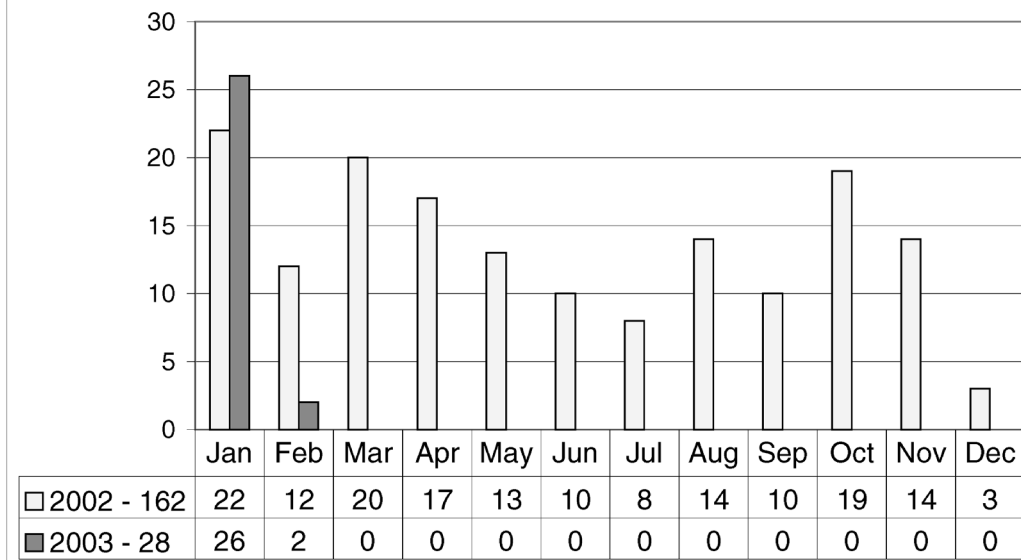
Send fire death information to Colleen Mohr at mohrc@michigan.gov or by fax to 517.322.2908

Fire Fact of the Month

The deadliest public assembly fire occurred in 1903 at the Iroquois Theater in Chicago. The fire killed 602 people. This ranks #2 (following the World Trade Center disaster) as the deadliest single-building or complex fire in U.S. history.

Source: NFPA

Fire Deaths by Month Two-Year Comparison



Rapid Intervention Reality - from Phoenix

By Michael Ward, Fire Science Program Head, Northern Virginia Community College.

The Phoenix Fire Department's (PFD) Deployment Committee has a sobering message to their fire fighters operating in large buildings, like a 7,500 square foot warehouse: "If you extend an attack line 150', get 40 feet off the line and then run out of air, it will take us 22 minutes to get you out of the structure." The lesson to remember is not to get off the fire attack line. The statement is based on 200 rapid intervention drills conducted by PFD as part of their recovery process after Fire Fighter/Paramedic Brett Tarver died in the March 14, 2001 Southwest Supermarket fire.

PFD obtained three vacant commercial buildings: a warehouse, a movie theatre and a country-western bar. The RIT drill was for the first alarm companies to respond to a report of two fire fighters in trouble. One is disoriented and the other one is unconscious. The buildings were sealed from outside light and the facemasks were obscured to simulate heavy smoke conditions. The RIT teams were equipped and deployed as if this was a working fire. The department ran through about 200 RIT drills with 1144 PFD fire fighters participating. Their activities were monitored and timed. An Arizona State University statistician analyzed the data. The results show that rapid intervention is not rapid:

- * Rescue crew ready state 2.50 minutes
- * Mayday to RIC entry 3.03 minutes
- * RIC contact with downed fire fighter 5.82 minutes
- * Total time inside building for each RIC team 12.33 minutes
- * Total time for rescue 21 minutes

The evolutions also revealed

three consistent ratios:

- * It takes 12 fire fighters to rescue one
- * One in five RIC members will get into some type of trouble themselves
- * A 3000-psi SCBA bottle has 18.7 minutes of air (plus or minus 30%)

The results of the RIC drills reflects the experience Phoenix had during the efforts to rescue Fire Fighter/Paramedic Brett Tarver. There were a dozen maydays sounded during the rescue effort, and one PFD fire fighter was removed from the supermarket in respiratory arrest.

The Phoenix experience is not unique. Houston Fire Chief Chris Connealy participated in a discussion about the Phoenix RIC drills during the 2003 Change in the Fire Service Symposium. On October 13, 2001, Houston Engine 2 Captain Jay Jahnke died on the fifth floor of Four Leaf Towers, a 41-story residential high-rise. During the Houston RIC operation, two heavy rescue company fire fighters became disoriented, low on air and had to rescue themselves. An engine company captain and fire fighter ran out of air and collapsed on the fire floor. Chief Connealy said that the Houston experience is similar to Phoenix.

Phoenix is changing its approach to rapid intervention crews in three procedural ways: increase suppression units assigned to RIC; increase in command officers; and considering a two-part RIC process.

There is a scalar approach to RIC dispatch assignments in Phoenix. For a "3-1 Assignment" (three engines and one ladder), a fourth engine and an EMS

transport (rescue) is added to the assignment to function as the rapid intervention team. For a first alarm assignment, two engines, one ladder, one rescue and a battalion chief are the RIC team. A second alarm includes an additional two engines and ladder for RIC. Beyond a second alarm, the incident commander can call additional companies as needed.

The recovery process also looked at the utilization of company and command officers on the fireground. A company officer core competency is to command a fire company. A core chief officer competency is to command fire companies. It is a function of the fire department hierarchical structure, not of personality. For example, a captain filling in as a battalion chief does a better job as a West Sector officer than she would have if she was commanding Engine 2 AND in charge of West Sector. At the sector level of the incident management system, company officers are required to wear two hats. There are too many levels of tasks. Phoenix suggests that it would be more effective to send more command officers to a fire event to function as sector and division commanders and allow the company officers to command their companies. It is a waste of talent and experience to allow command officers to stay in their fire stations while a low-frequency, high risk event like a structure fire is occurring in the city.

A third change in rapid intervention crews is using a two-phase approach. Many of the RIC team members ran out of air during the training evolutions.

(continued on page ten)

The lesson to remember is not to get off the fire attack line.

The drills showed that a 3000-psi SCBA bottle was good for 13.09 to 24.31 minutes of air. The average SCBA time was 18.7 minutes. The average time from mayday to removal was 21 minutes.

Michigan Fire Service EXPO

June 18-22, 2003
Amway Grand Plaza
Grand Rapids, MI

Workshops at a Glance

Emergency Medical Services

EMS Rules and Regulations

Stepping out of the Box - Challenges for Tomorrow's Fire & EMS

Fire Department Operations

Communication Skills for the Fire Service

Engaging Tomorrow's Fire Fighters – Explorer and Cadet Programs

Emergency Medical Services Information System (EMSIS) for Pre-Hospital Care Providers and Administrators

GIS – Mapping for the Future

Legal Requirements for the Fire Chief

M.T.A – Legal Requirements for Fire Departments

Recruitment and Retention of Volunteer Fire Fighters

Preparing for Line of Duty Deaths

Unified Incident Command System

Fire Fighter Health and Safety

Clandestine Drug Labs - Understanding the Dangers

How Fire Fighters Live - And How They Die

Landing Zone - Medivac Procedures for Fire Fighters

Part 74 – New Changes

Respiratory Protection Requirements for Emergency Responders

Fire Investigation

Forensic Assistance at the WTC Disaster

Investigating Wildland Fires

Juvenile Firesetter Intervention - Program Orientation

So You Want to be a Fire Investigator?

Fire Prevention and Protection

Code Enforcement – What Every Fire Officer Needs to Know

School Facilities Fire Safety/Construction and the Fire Service

Act 207 and the Fire Safety Code Official

Understanding the Need for Fire Code Adoption

Hazardous Materials

What's New in Storage Tank Regulations

Homeland Security

Bio-terrorism - Identifying the Threat

Michigan Emergency Management Assistance Compact (MEMAC)

Michigan's Homeland Security - Where Do We Go From Here?

Instructors

Instant Access to MFFTC Programs

MFFTC Course Manager Duties from A-Z

Powerpoint Poop-Out - When it Fails, What Do You Do?

Public Fire Safety Education

Developing a Firewise Community

Fire Safety Education - From Stick-On Badges to Merit Badges

Smoke Detectors May Not Be Enough!

Rescue

Michigan Urban Search and Rescue (MUSAR)

Rapid Intervention Teams/Rules

Registration Information

Complete Registration **ONLY \$150** and Includes:

- * Exhibit pass for entire conference
- * Opening ceremonies
- * Happy Hour with the Vendors
- * Saturday Night Banquet (1 ticket)
- * Educational workshops
- * Certificate of Attendance
- * Embroidered tote bag
- * Coffee/Refreshment breaks
- * Official EXPO book

Registration fee without banquet **\$100**

Exhibit pass (daily) **\$10** (available at the door only and does not include workshops)

Lodging Information

Amway Grand Plaza

11 Monroe Avenue NW

Grand Rapids, MI 49503

800.253.3590

\$89 + tax (regular rate \$149)

Parking Rates - \$9/day (hotel) \$14/day (valet)

Registration Code - MFSX603

Registration form and updated information located on the
EXPO web site at
www.mi-fire-expo.org

**Don't miss this opportunity to attend the
"first ever"**

Michigan Fire Service EXPO!



**Professional excellence through Communication,
Cooperation and Coordination**

Full EXPO & Workshop Agenda

Thursday, June 19

Friday, June 20

Saturday, June 21

Sunday, June 22

7:30a
9:00a
10:30a

Registration and Coffee
Regional Business Meeting
MI Fire Service Instructor's Assoc.
Business Meeting
MI Professional Fire Fighters Union
MI State Firemen's Association
MI Association of Fire Chiefs

12:00n
1:00-2:30p

Exhibits Open
Concurrent Workshops
A. Michigan Urban Search & Rescue
B. Rapid Intervention Teams
C. Preparing for Line of Duty Deaths*
D. EMS Rules & Regulations*
E. Michigan Emergency Management Assistance Compact (MEMAC)
F. M.T.A. - Legal Requirements for Fire Departments*

1:15p
2:30p
2:45-4:15p

Polls open for MSFA
Break/Visit Exhibits
Concurrent Workshops
A. Part 74 - New Changes
B. Understanding the Need for Fire Code Adoption*
C. School Facilities Fire Safety/Construction and the Fire Service
D. Powerpoint Poop-Out - When it Fails, What Do You Do?*
E. Unified Incident Command System
F. Smoke Detectors May Not Be Enough!*

5:00p
5:00-7:00p
7:00p
7:30a

Polls close
"Happy Hour" with the Vendors (in Exhibit Hall)
Exhibits Close
Registration and Coffee

8:30a

OPENING CEREMONIES
Posting of Colors - Honor Guard
Welcome by EXPO Committee
Welcome by Local Dignitaries

9:00a
10:00a
10:00a
10:15-11:45p

Keynote Speaker
Break
Exhibits Open
Concurrent Workshops
A. GIS - Mapping for the Future
B. Landing Zone - Medivac Procedures for Fire Fighters
C. Stepping out of the Box - Challenges for Tomorrow's Fire & EMS Services
D. School Facilities Fire Safety/Construction and the Fire Service
E. Investigating Wildland Fires*
F. Respiratory Protection Requirements for Emergency Responders

12:00n
1:00-2:30p

Lunch/Visit Exhibits
Concurrent Workshops
A. Keynote Workshop - Step Down and Step In
B. Emergency Medical Services Information System (EMSIS) for Pre-Hospital Care Providers and Administrators*
C. Instant Access to MFFTC Programs*
D. Forensic Assistance at the WTC Disaster
E. Landing Zone - Medivac Procedures for Fire Fighters
F. Michigan's Homeland Security - Where Do We Go From Here?*

2:30p
2:45-4:15p

Break/Visit Exhibits
Concurrent Workshops
A. Rapid Intervention Teams
B. GIS - Mapping for the Future
C. Stepping Out of the Box - Challenges for Tomorrow's Fire & EMS Services
D. Keynote Workshop - Step Down and Step In
E. Forensic Assistance at the WTC Disaster
F. Respiratory Protection Requirements for Emergency Responders

4:30p

Fire Service Issues & Answers - Roundtable
Member Organizations

6:00p

Exhibits Close

7:30a
8:15-9:45a

Registration and Coffee
Concurrent Workshops
A. Recruitment & Retention of Volunteer Fire Fighters*
B. How Fire Fighters Live - and How They Die (Pt I)
C. Code Enforcement - What Every Fire Officer Needs to Know*
D. Michigan Urban Search and Rescue
E. Bio Terrorism - Identifying the Threat
F. MFFTC Course Manager Duties A-Z*

9:45a
10:00a
10:00a
10:00-11:45a

Break
Exhibits Open
MSFA Tournaments Begin
Concurrent Workshops
A. Juvenile Firesetter Intervention Program Orientation
B. Clandestine Drug Labs - Understanding the Dangers
C. Communication Skills for the Fire Service
D. Part 74 - New Changes
E. How Fire Fighters Live - and How They Die (Pt II)
F. So You Want to be a Fire Investigator*

12:00n
1:00-2:30p

Lunch/Visit Exhibits
Concurrent Workshops
A. Developing A Firewise Community*
B. Act 207 and the Fire Safety Code Official*
C. Unified Incident Command System
D. Engaging Tomorrow's Fire Fighters - Cadet & Explorer Programs*
E. Fire Safety Education: From Stick-On Badges to Merit Badges*
F. What's New in Storage of Flammable and Combustible Liquids*

2:30p
2:45-4:15p

Break/Visit Exhibits
Concurrent Workshops
A. Juvenile Firesetter Intervention Program Orientation
B. Bio Terrorism - Identifying the Threat
C. Communication Skills for the Fire Service
D. Michigan Emergency Management Assistance Compact (MEMAC)
E. Clandestine Drug Labs - Understanding the Dangers
F. Legal Requirements for Fire Chiefs*

6:00 p.m.
7:00 pm

Exhibits Close
Banquet (casual dress, buffet, cash bar, dancing)

9:30a

Memorial Service
Joint Memorial Service for all Associations/Attendees
Anway Grand Ballroom
Pipers, presentation by color guard, names of line of duty and deceased read.

11:00a

Michigan State Firemen's Association
Installation of Officers
Awards Ceremony

NOTE: Workshops may be subject to last minute changes. Please refer to www.mi-fire-expo.org for the latest information.

Spouse/Guest Program

Thursday, June 19
10:00 a.m. - 5:00 p.m.
Holland and Saugatuck Shopping Trip

Friday, June 20
Two Trips Available
10:00 a.m. - 1:30 p.m.
Frederick Meijer Gardens
\$27/person (lunch included)
11:00 a.m. - 4:00 p.m.
RiverTown Crossing Mall

Saturday, June 21
10:00 a.m. - 2:30 p.m.
Gerald R. Ford Museum and the Van Andel Museum

Details listed on EXPO web site at www.mi-fire-expo.org

* Identifies workshops only offered one time.

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www.mfftc.org

Region supervisors toll-free numbers are listed on the back page of Fire TIES.

MFFTC Meeting Summary

By Gregory Kirt, Director of Training

Members Present: The February 12, 2003 meeting of the Michigan Fire Fighters Training Council (MFFTC), was held in Lansing at the General Office Building in Cafeteria Conference room "B". Council members present: Chairman Michael J. Burke, Vice Chair Kenneth W. Eagle, Gerald B. Alward, Mark A. Dougovito and Thad N. Taylor. Excused: William D. Anderson and Terrence H. Chesney.

Staff Present: Gregory Kirt, Director of Training; Mary Egner, Recording Secretary; James Porcello, Programs Administrator.

Guests Present: D/F/Lt. Tom Sands.

Inactive Certified Instructors: All certified instructors who have not met Council requirements to continue as a certified instructor for the three year period that ended September 30, 2002, have been notified by mail. Any certified instructor not contacted need not be concerned.

NFA Terrorism Training Grant: MFFTC has received verification from FEMA/NFA that the 2003 Terrorism Training Grant will be fully funded as previously agreed. Please contact your MFFTC Training Coordinator or Region Supervisor to schedule any of the five terrorism courses with these monies.

Annual MFFTC Regional Training Center Meeting

Canceled: The annual RTC meeting scheduled in Lansing for March 12, 2003 was canceled due to budget cuts.

2003 Michigan Fire Service

EXPO: The EXPO is scheduled in Grand Rapids from June 18-22, 2003. Planning is going well. There are 42 different workshops covering a wide variety of the most current fire service needs.

Most exhibitor space has already been spoken for and registrations have been arriving for several weeks. Complete information including the registration form is available at www.mi-fire-expo.org.

Partial Restoration of MFFTC

Budget Cut: In mid-December 2002, MFFTC budget was reduced by \$183,800 by gubernatorial Executive Order 2002-22. Of the \$183,800 reduction, \$166,000 was to be removed from county allocations at the rate of \$2,000 per county. Council was also directed to take the remaining \$17,800 from MFFTC operating budget.

At the December meeting, Council passed a motion directing Chairman Burke to file an objection with State Police Director, Col. Stephen D. Madden, regarding the lack of input in the decision making process and the disparity between the MFFTC reduction and other programs. Chairman Burke met with Col. Madden January 7, 2003 and was given an opportunity to explain the devastating impact of the cut to fire fighter safety and their ability to protect their communities.

In mid-January MFFTC was notified that \$85,888.84 was being restored to MFFTC budget. Col. Madden indicated the monies were being restored to insure that no county was reduced by more than \$2,000.

Chairman Burke expressed his appreciation for the support of the fire service for letting legislators and the Colonel know of the many ramifications of such a severe budget cut. He also expressed his gratitude for Capt. Mark Dougovito's and Lt. Col. Robert Bertee's support when the three of them met with the

Colonel. The input they provided had a positive impact, which resulted in the partial budget restoration. Chairman Burke also voiced the Council's gratitude for the partial budget restoration.

Election of Officers: Mike Burke, representing Michigan State Firemen's Association was elected Chairman, and Ken Eagle, representing the Michigan Association of Fire Chiefs was elected Vice Chair.

Council Denies Extension of Old Fire Officer I & II Certification

Deadline: Council received a letter from Delta Regional Training Center requesting a two-year extension of the 9/30/03 cutoff date for issuance of the old NFA Fire Officer I & II certifications. Delta is unable to meet demand for the old fire officer classes. Chairman Burke received a similar letter from the Michigan Association of Fire Chiefs requesting a one-year extension of the deadline. The Chiefs also suggested establishment of a tactical training certification program using some of the old Fire Officer Courses.

Council denied both requests to extend the deadline because of the generous transition period that had been granted. The new MFRI FO I & II courses were adopted March 31, 2000 at the Instructors annual conference in Grand Rapids at the recommendation of the MFRI FO Advisory Committee. Council set the 9/30/03 cut off date to insure individuals that had "already begun" the old NFA FO I or II certification course series would have a reasonable amount of time to complete them.

During discussion a recommendation was made to continue to work with interested parties

and explore the suggestion of establishing a tactical training certification program using some of the old Fire Officer Courses.

Instructor Applications: Council approved 54 Probationary Instructors, 29 upgrades to Certified Instructor and one Wildland Fire Instructor.

Meeting Attendance & Activities: The Director participated in the following:

December 17, Michigan Association of Fire Chiefs, St. Johns
December 19, Northern Michigan Fire Chiefs Association, Lewiston
January 9, EXPO Executive Committee, Lansing; January 14, State Emergency Response Commission, Lansing

January 21, Michigan Association of Fire Chiefs, Lansing.

Public Comment: None

Council Comment: Dave

Purchase, the newest Council member, stated how pleased he is to be a part of the Council. As an instructor for the MFFTC, he wanted to commend the entire staff for all they do in support of the fire service. It is a pleasure working with them.

Vice-Chair Eagle echoed **Purchase's** compliments regarding the MFFTC staff and expressed his appreciation for the quality of work that they are able to provide despite the heavy workload. He also pointed out the importance of working

together. In closing, he wished Mark Dougovito well in his retirement. Chairman Burke also thanked Dougovito for his contributions and for being a strong advocate.

Mark Dougovito replied that he had an enjoyable year with the Council. He hopes the ground-work that has been laid with the administration will help with the budget challenges we continue to face. He added that until his successor is named, D/F/Lt. Tom Sands would be the Acting Division Commander for MSP, Fire Marshal Division.

Meeting adjourned.



Americans with Disabilities Act

By George Lutz, Testing and Certification Specialist

Q: I don't understand what the Americans with Disabilities Act (ADA) is or how it and the Michigan Fire Fighters Training Council's ADA policy (Policy 2-3) affects me as a Fire Chief? Also, why must ADA requests be submitted 28 days prior to the start of a course, retest, or challenge exam?

A: The Americans with Disabilities Act (ADA) was signed into law on July 26, 1990 and is administered by the U.S. Department of Justice. The ADA gives civil rights protections to individuals with disabilities similar to those provided to individuals

on the basis of race, color, sex, national origin, age and religion. It guarantees equal opportunity for individuals with disabilities in public accommodations, employment, transportation, state and local government services, and telecommunications. Additional information can be found on the ADA home page at

www.usdoj.gov/crt/ada/adahtml.htm. When reading the ADA, it is important to also review U.S. Supreme Court decisions as well as state and local court decisions, in their entirety, which have been rendered across the United States.

Responsibilities The employer, employee, and the MFFTC each share in the responsibility required under the ADA.

Employer

* It is the responsibility of each and every employer to have an ADA policy in place and be able to respond to an individual's needs under ADA.

Employee

* It is the responsibility of all employees to promptly notify his

or her employer of a disability and the need for accommodations.

MFFTC

* All requests for accommodations must be addressed in a reasonable time.

* If a request for an accommodation has been granted, it is the responsibility of the MFFTC to provide and fund all approved accommodations. The student may decline any portion of the accommodation he or she wishes, once granted. When responding to an accommodation request, all parties involved must understand that the request must be addressed within a reasonable time. Further, ADA provides that an accommodation must not cause undue logistical or financial hardship on the granting agency or institution.

ADA Requests to the MFFTC -

The required paperwork must be submitted 28 days prior to the start of the course, retest, or challenge exam. This requirement is necessary so that the Equity Officer can ensure that the necessary paperwork has been submitted and is complete, and (continued on page nine)

MI Fire Fighters Training Council Registered Training

Special Attention: FF-I and/or II courses are retained on this list based on "End Date" to allow scheduling of retests and challenge tests. All other courses appear on this list based on "Start Date".

Start Date Time	End Date	Co.	Location	Course Manager	Phone
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FIRE FIGHTER – BASIC

Fire Fighter IA					
04/23/03	6:00pm	09/27/03	77	Manistique	Robert Schwarz 906.226.8174
Fire Fighter I Exam					
06/07/03	9:00am	06/07/03	26	Gladwin	Gregory Atwood 989.366.8146
Fire Fighter II					
04/05/03	7:00pm	06/21/03	13	Marshall	Steven Wart 269.579.4338
Fire Fighter I & II					
12/02/02	7:00pm	06/14/03	56	Midland	Richard Ripke 989.689.4637
12/03/02	9:00am	06/14/03	19	DeWitt	Frederick Koo 517.669.0071
12/03/02	6:30pm	06/14/03	23	Charlotte	Casey Godlewski 517.627.1157
01/06/03	7:00pm	06/28/03	20	Grayling	Edward Holtcamp 989.275.8548
01/06/03	6:30pm	06/14/03	39	Kalamazoo	Patrick Butler 269.345.0313
01/07/03	6:30pm	06/21/03	45	Empire	Stephen Ward 231.228.5396
01/07/03	6:00pm	06/14/03	39	Portage	Stacy French 269.329.4492
01/07/03	6:00pm	06/21/03	39	Kalamazoo	Ken Howe 269.375.0487
01/07/03	6:00pm	06/21/03	39	Kalamazoo	Dan Tomlinson 269.329.4493
01/14/03	7:00pm	06/14/03	21	Gladstone	Jerry Plourde 906.786.5911
01/14/03	7:00pm	06/21/03	38	Jackson	Fred Newton 734.523.4012
03/24/03	8:00am	07/11/03	82	Detroit	Jeffrey Banks Sr. 313.237.3175
04/07/03	6:30pm	09/21/03	47	Brighton	Donald Hall 810.229.6640
04/28/03	9:00am	06/27/03	82	Garden City	Robert Perry 734.462.4745
Fire Fighter I & II Exam					
05/02/03	6:00pm	05/03/03	04	Alpena	Edward Diem 989.354.3946
06/20/03	6:00pm	06/21/03	01	Harrisville	Rodney Cordes 989.736.8460

APPARATUS

Apparatus & Pump Operations - FFI					
06/15/03	9:00am	06/16/03	82	Allen Park	John Smilnak 734.462.4745
Apparatus & Pump Operations - FFI & II					
04/28/03	9:00am	05/01/03	82	Garden City	John Smilnak 734.462.4745
05/16/03	6:00am	05/17/03	48	Newberry	Robert Schwarz 906.226.8174
06/02/03	9:00am	06/05/03	82	Garden City	John Smilnak 734.462.4745
06/05/03	6:00pm	06/26/03	39	Kalamazoo	Patrick Butler 269.345.0313
07/07/03	9:00am	07/10/03	82	Garden City	John Smilnak 734.462.4745
08/18/03	9:00am	08/21/03	82	Garden City	John Smilnak 734.462.4745
09/05/03	6:00pm	09/06/03	77	Manistique	Robert Schwarz 906.226.8174
09/08/03	9:00am	09/10/03	82	Garden City	John Smilnak 734.462.4745

DRIVER TRAINING

Driver Training					
04/15/03	6:30pm	04/16/03	66	Ewen	Dennis O'Brien 906.884.2380
04/17/03	7:00pm	04/21/03	58	Gibraltar	Phillip Lindenmuth Sr 734.942.3603
04/17/03	7:00pm	04/21/03	58	Riga	Ralph Woodbury Jr 734.241.1626
04/19/03	8:00am	04/19/03	33	Eaton Rapids	Charles Hendrickson 517.483.4551
04/19/03	9:00am	04/19/03	13	Marshall	Steven Wart 269.579.4338
04/21/03	10:00am	05/02/03	11	Niles	Jack Frost 616.683.0160
04/21/03	7:00pm	04/24/03	46	Adrian	Douglas Betz 517.265.6560
04/25/03	6:00pm	04/26/03	04	Alpena	Edward Diem 989.354.3946
04/26/03	9:00am	04/26/03	42	Ahmeek	Dan Sarazin 906.296.0725
04/29/03	7:00pm	05/01/03	06	Omer	Edward Rohn 989.653.2603
05/01/03	9:00am	05/01/03	82	Garden City	John Smilnak 734.462.4745
05/03/03	8:00am	05/03/03	56	Midland	Richard Ripke 989.689.4637
05/03/03	8:00am	05/03/03	01	Harrisville	Pete Shiemke 989.727.3782
05/03/03	8:00am	05/03/03	73	Saginaw	Raymond Wilson 989.792.9691
05/03/03	8:30am	05/03/03	27	Wakefield	Joseph Cayer 906.932.1234
05/06/03	6:00pm	05/07/03	56	Edenville	Richard Ripke 989.689.4637
05/06/03	7:00pm	05/08/03	79	Caro	Laurence Boitel 989.673.2120
05/08/03	7:00pm	05/15/03	09	Bay City	Robert Kuehne Jr 989.529.0223
05/09/03	8:00am	05/09/03	50	Clinton Township	Joseph Boldys 586.498.4021
05/17/03	8:00am	05/17/03	83	Cadillac	Randall Norman 231.775.3114
05/31/03	8:00am	05/31/03	74	Lakeport	John Jeffries 810.989.5753
05/31/03	6:00pm	05/31/03	75	Constantine	Charles Haines 269.273.1166
06/07/03	9:00am	06/07/03	61	Muskegon	Matthew Burns 231.766.3277
07/01/03	9:00am	07/01/03	82	Garden City	John Smilnak 734.462.4745
08/01/03	9:00am	08/01/03	82	Garden City	John Smilnak 734.462.4745
09/01/03	9:00am	09/01/03	82	Garden City	John Smilnak 734.462.4745
09/06/03	8:00am	09/06/03	83	Hoxeyville	Randall Norman 231.775.3114
09/13/03	8:00am	09/14/03	47	Brighton	Donald Hall 810.229.6640
09/13/03	9:00am	09/13/03	17	Pickford	James Miller 800.444.2411
09/13/03	9:00am	09/13/03	71	Alpena	Pete Shiemke 989.727.3782

ARSON DETECTION/FIRE INVESTIGATION

Detection Of Arson And Suspicious Fires					
05/03/03	8:00am	05/04/03	51	Manistee	Michael Cederholm 231.946.4593
05/17/03	8:00am	05/18/03	18	Clare	Gerald Becker 989.539.6559
06/07/03	9:00am	06/08/03	74	Port Huron	John Jeffries 810.989.5753
07/11/03	6:00pm	07/12/03	39	Kalamazoo	Patrick Butler 269.345.0313
07/12/03	8:00am	07/13/03	56	Midland	Richard Ripke 989.689.4637
09/13/03	6:00pm	09/14/03	48	Newberry	Donald Brown 906.475.1135

FIRE PREVENTION

Intro. To Fire Insp. Principles & Practices					
04/18/03	9:00am	04/19/03	74	Port Huron	John Jeffries 810.989.5753
06/07/03	8:00am	06/08/03	80	Bloomingtondale	David Purchase 231.780.2500
07/18/03	6:00pm	07/19/03	39	Kalamazoo	Patrick Butler 269.345.0313
08/02/03	8:00am	08/03/03	56	Midland	Richard Ripke 989.689.4637

Start Date Time	End Date	Co.	Location	Course Manager	Phone
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HAZARDOUS MATERIALS

Haz Mat First Responder - Awareness					
04/15/03	6:00pm	04/15/03	32	Bad Axe	Craig Enderle 989.678.0901
04/15/03	6:00pm	04/15/03	68	Lewiston	Edward Kubitskey 989.826.3300
04/17/03	6:00pm	04/21/03	36	Iron River	Thomas Ivey 906.265.1093
04/19/03	9:00am	04/19/03	26	Gladwin	Gregory Atwood 989.366.8146
04/21/03	8:00am	04/21/03	82	Detroit	Jeffrey Banks Sr. 313.237.3175
04/21/03	6:00pm	04/21/03	39	Kalamazoo	Patrick Butler 269.345.0313
04/22/03	6:00pm	04/22/03	40	South Boardman	Thomas Lenaghan 231.258.8923
04/22/03	6:00pm	04/22/03	05	Mancelona	Edward Sayre 231.587.5311
04/24/03	6:00pm	04/24/03	06	Omer	Edward Rohn 989.653.2603
04/24/03	6:00pm	04/24/03	12	Quincy	Gregory Sharp 517.278.4177
04/28/03	9:00am	04/28/03	63	Auburn Hills	Gary Pfundt 989.895.8398
04/28/03	6:00pm	04/28/03	47	Brighton	Donald Hall 810.229.6640
04/29/03	6:00pm	04/29/03	02	Wetmore	Kenneth Swajanan 906.387.2822
05/01/03	6:00pm	05/01/03	61	Muskegon	Craig Medendorp 231.773.4316
05/05/03	8:00am	05/05/03	50	Clinton Township	Joseph Boldys 586.498.4021
05/06/03	7:00pm	05/08/03	03	Saugatuck	Stanley Babbitt 269.345.0134
05/08/03	6:00pm	05/08/03	39	Portage	Stacy French 269.329.4492
05/10/03	8:00am	05/10/03	01	Alcona	Pete Shiemke 989.727.3782
05/10/03	9:00am	05/10/03	34	Ionia	Linton Harwood Jr 616.794.3221
05/12/03	6:00pm	05/12/03	74	Lakeport	John Jeffries 810.989.5753
05/12/03	7:00pm	05/14/03	41	Gowen	Robert Vandermeij 616.794.1340
05/13/03	6:00pm	05/13/03	45	Empire	Stephen Ward 231.228.5396
05/13/03	6:00pm	05/13/03	54	Big Rapids	Warren Hansen 231.527.0005
05/20/03	6:00pm	05/20/03	39	Kalamazoo	Ken Howe 269.375.0487
05/20/03	6:00pm	05/20/03	39	Kalamazoo	Dan Tomlinson 269.329.4493
05/24/03	6:00pm	05/24/03	20	Grayling	Edward Holtcamp 989.275.8548
05/26/03	8:00am	05/26/03	82	Detroit	Jeffrey Banks Sr. 313.237.3175
05/27/03	6:00pm	05/27/03	21	Gladstone	Jerry Plourde 906.786.5911
06/02/03	11:00am	06/02/03	82	Garden City	Robert Perry 734.462.4745
06/03/03	6:00pm	06/03/03	75	White Pigeon	Charles Haines 269.273.1166
06/09/03	8:00am	06/09/03	82	Detroit	Jeffrey Banks Sr. 313.237.3175
06/19/03	6:00pm	06/19/03	83	Hoxeyville	Randall Norman 231.775.3114

HazMat First Responder - Operations

04/22/03	8:00am	04/25/03	82	Detroit	Jeffrey Banks Sr. 313.237.3175
04/28/03	9:00am	05/01/03	63	Auburn Hills	Gary Pfundt 989.895.8398
04/29/03	6:30pm	05/04/03	18	Clare	Gerald Becker 989.539.6559
05/01/03	6:30pm	05/08/03	47	Brighton	Donald Hall 810.229.6640
05/05/03	6:30pm	05/28/03	39	Kalamazoo	Patrick Butler 269.345.0313
05/06/03	8:00am	05/08/03	50	Clinton Township	Joseph Boldys 586.498.4021
05/06/03	6:00pm	05/15/03	61	Muskegon	Craig Medendorp 231.773.4316
05/10/03	8:00am	05/18/03	01	Alcona	Pete Shiemke 989.727.3782
05/13/03	6:00pm	05/24/03	39	Portage	Stacy French 269.329.4492
05/15/03	6:30pm	06/03/03	45	Empire	Stephen Ward 231.228.5396
05/20/03	6:00pm	05/31/03	77	Manistique	Daniel Hammerberg 906.497.5094
05/22/03	6:00pm	06/14/03	39	Kalamazoo	Ken Howe 269.375.0487
05/22/03	6:00pm	06/14/03	39	Kalamazoo	Dan Tomlinson 269.329.4493
05/27/03	8:00am	05/30/03	82	Detroit	Jeffrey Banks Sr. 313.237.3175
05/27/03	7:00pm	06/05/03	38	Jackson	Fred Newton 734.523.4012
05/28/03	7:00pm	06/19/03	20	Grayling	Edward Holtcamp 989.275.8548
06/03/03	9:00am	06/05/03	82	Garden City	Robert Perry 734.462.4745
06/03/03	6:00pm	06/07/03	21	Gladstone	Jerry Plourde 906.786.5911
06/03/03	7:00pm	06/14/03	13	Marshall	Steven Wart 269.579.4338
06/10/03	8:00am	06/13/03	82	Detroit	Jeffrey Banks Sr. 313.237.3175
08/20/03	6:00pm	09/20/03	48	Newberry	Robert Schwarz 906.226.8174

Incident Command System

04/15/03	6:00pm	04/16/03	82	Detroit	Lawrence Morabito 313.496.2712
04/15/03	7:00pm	05/15/03	27	Wakefield	Richard Caudill 906.358.0311
04/18/03	6:00pm	04/21/03	56	Edenville	Richard Ripke 989.689.4637
04/18/03	6:00pm	05/06/03	33	Lansing	Timothy James 517.483.4547
04/22/03	6:00pm	04/29/03	77	Manistique	Robert Schwarz 906.226.8174
04/26/03	8:00am	04/27/03	63	Milford	Robert Schwartz 248.684.1000
05/03/03	8:00am	05/04/03	22	Kingsford	James Rose 906.779.3289
05/03/03	9:00am	05/04/03	48	Newberry	Robert Schwarz 906.226.8174
05/17/03	9:00pm	05/18/03	71	Rogers City	Robert Clark 989.354.3151
05/31/03	8:00am	06/01/03	58	Erie	

MI Fire Fighters Training Council Registered Training

Start Date	Time	End Date	Co.	Location	Course Manager	Phone
05/31/03	8:00am	06/01/03	28	Traverse City	Joe Corden	231.943.3473
Health & Safety Officer						
04/19/03	8:00am	04/20/03	37	Mt Pleasant	Chris Coughlin	989.837.3413
Fire Fighter Safety & Survival						
07/25/03	6:00pm	07/26/03	39	Kalamazoo	Patrick Butler	269.345.0313
08/22/03	6:00pm	08/23/03	48	Newberry	Terry Heyns	906.635.2726
09/20/03	8:30am	09/21/03	07	Baraga	Terry Heyns	906.635.2726
Incident Safety Officer						
04/25/03	6:00pm	04/26/03	80	Bloomingtondale	David Purchase	231.780.2500
06/14/03	8:00am	06/15/03	28	Traverse City	Joe Corden	231.943.3473
09/13/03	8:30am	09/14/03	07	Baraga	Robert Hill	810.622.9374
Self Contained Breathing Apparatus						
06/19/03	6:00pm	06/19/03	07	Baraga	Michael Pinar	906.827.3433

INSTRUCTOR DEVELOPMENT

Educational Methodology						
04/16/03	9:00am	04/17/03	82	Garden City	John Smilnak	734.462.4745
05/03/03	8:00am	05/04/03	39	Kalamazoo	Patrick Butler	269.345.0313
06/28/03	8:00am	06/29/03	80	Bloomingtondale	David Purchase	231.780.2500
MFFTC Instructor Orientation						
05/10/03	8:30am	05/10/03	74	Port Huron	Michael Greis	517.322.3461

MANAGER/SUPERVISOR DEVELOPMENT

Records & Reports						
04/26/03	8:00am	04/26/03	56	Midland	Richard Ripke	989.689.4637
05/17/03	8:00am	05/17/03	80	Bloomingtondale	David Purchase	231.780.2500
Fire Service Supervision - Personal						
04/26/03	8:00am	04/27/03	39	Climax	Patrick Butler	269.345.0313
05/02/03	6:00pm	05/03/03	80	Bloomingtondale	David Purchase	231.780.2500
05/30/03	6:00pm	05/31/03	06	Omer	Edward Rohn	989.653.2603
06/20/03	6:00pm	06/21/03	39	Kalamazoo	Patrick Butler	269.345.0313
Fire Service Supervision - Team						
04/18/03	6:00pm	04/19/03	53	Ludington	Steven Johnson	231.845.4488
04/25/03	6:00pm	04/26/03	61	Norton Shores	David Purchase	231.780.2500
05/03/03	8:00am	05/04/03	25	Burton	William Miller	810.635.8000
05/09/03	6:30pm	05/10/03	72	Roscommon	John Patchin	989.859.8258
05/10/03	8:00am	05/11/03	39	Climax	Patrick Butler	269.345.0313
05/16/03	6:00pm	05/17/03	80	Bloomingtondale	David Purchase	231.780.2500
06/27/03	6:00pm	06/28/03	06	Omer	Edward Rohn	989.653.2603
06/27/03	6:00pm	06/28/03	39	Kalamazoo	Patrick Butler	269.345.0313
Leadership I						
04/15/03	8:00am	04/21/03	33	Lansing	Timothy James	517.483.4547
04/16/03	8:00am	04/22/03	33	Lansing	Timothy James	517.483.4547
04/26/03	9:00am	04/27/03	63	Orchard Lake	Michael Sabol	248.232.4580
05/09/03	8:00am	05/10/03	25	Burton	William Miller	810.635.8000
05/20/03	9:00am	05/21/03	63	Auburn Hills	Michael Sabol	248.232.4580
Leadership II						
04/26/03	8:00am	04/27/03	28	Traverse City	Joe Corden	231.943.3473
04/29/03	8:00am	05/05/03	33	Lansing	Timothy James	517.483.4547
04/30/03	8:00am	05/06/03	33	Lansing	Timothy James	517.483.4547
05/03/03	9:00am	05/04/03	63	Orchard Lake	Michael Sabol	248.232.4580
05/23/03	8:00am	05/24/03	25	Burton	William Miller	810.635.8000
05/27/03	9:00am	05/28/03	63	Auburn Hills	Michael Sabol	248.232.4580
Leadership III						
04/16/03	9:00am	04/17/03	50	Fraser	Anthony Kowalski	586.498.4056
05/17/03	8:00am	05/18/03	28	Traverse City	Joe Corden	231.943.3473
05/29/03	9:00am	05/30/03	63	Auburn Hills	Michael Sabol	248.232.4580
06/06/03	8:00am	06/07/03	25	Burton	William Miller	810.635.8000
06/07/03	9:00am	06/08/03	63	Orchard Lake	Michael Sabol	248.232.4580

RESCUE

Vehicle Extrication						
04/16/03	6:00pm	05/21/03	48	Newberry	Robert Schwarz	906.226.8174
04/25/03	6:00pm	04/27/03	52	Negaunee	Thomas Kidd	906.475.4144
04/26/03	11:00am	04/27/03	35	Hale	Raymond Haring	231.922.2888
05/02/03	7:00pm	05/04/03	57	Falmouth	Connie Daniels	231.779.9625
05/16/03	6:00pm	05/18/03	27	Wakefield	Bruce Caudill	906.358.4226
06/14/03	9:00am	06/15/03	22	Kingsford	Daniel Simonds	906.250.0076
06/21/03	9:00am	06/22/03	26	Beaverton	Gregory Atwood	989.366.8146

Start Date	Time	End Date	Co.	Location	Course Manager	Phone
08/01/03	9:00am	08/02/03	07	Baraga	Craig Kent	906.524.7501
08/09/03	8:00am	08/10/03	56	Midland	Richard Ripke	989.689.4637
Advanced Vehicle Stabilization						
04/25/03	8:00am	04/26/03	35	Hale	Raymond Haring	231.922.2888
04/26/03	8:00am	04/26/03	41	Wyoming	Robert Austin	616.530.7252
05/10/03	8:00am	05/10/03	63	Milford	Carl Hein	734.994.1527
05/17/03	8:00am	05/17/03	52	Negaunee	Thomas Kidd	906.475.4144
05/17/03	8:00am	05/17/03	24	Petoskey	Alfred Welsheimer	231.347.5597
05/24/03	9:00am	05/24/03	22	Kingsford	Daniel Simonds	906.250.0076
06/07/03	9:00am	06/07/03	17	Hulbert	Pat McMahon	906.495.5171
08/17/03	9:00am	08/17/03	07	Baraga	Robert Schwarz	906.226.8174

SUPPRESSION

Building Construction: Principles						
09/13/03	8:00am	09/14/03	22	Kingsford	James Rose	906.779.3289
Building Construction: Noncombustible						
04/26/03	8:00am	04/27/03	25	Burton	William Miller	810.635.8000
05/23/03	6:00pm	05/24/03	80	Bloomingtondale	David Purchase	231.780.2500
06/06/03	6:00pm	06/07/03	39	Kalamazoo	Patrick Butler	269.345.0313
09/27/03	8:00am	09/28/03	22	Kingsford	James Rose	906.779.3289
Managing Co. Tactical Operations - Decision						
04/25/03	9:00am	04/26/03	74	Port Huron	John Jeffries	810.989.5753
Managing Co. Tactical Operations - Tactics						
05/09/03	9:00am	05/10/03	74	Port Huron	John Jeffries	810.989.5753
Flammable Liquids						
05/02/03	9:00am	05/02/03	82	Garden City	John Smilnak	734.462.4745
06/06/03	9:00am	06/06/03	82	Garden City	John Smilnak	734.462.4745
07/11/03	9:00am	07/11/03	82	Garden City	John Smilnak	734.462.4745
08/22/03	9:00am	08/22/03	82	Garden City	John Smilnak	734.462.4745
Introduction To Wildland Fire Suppression						
04/17/03	7:00pm	04/24/03	52	Marquette	Thomas Kidd	906.475.4144
04/22/03	7:00pm	04/24/03	38	Jackson	Bruce Miller	810.229.0616
Ventilation						
05/10/03	9:00am	05/10/03	27	Wakefield	Richard Caudill	906.358.0311
05/20/03	9:00am	05/20/03	07	Baraga	Bruce Caudill	906.358.4226
09/06/03	9:00am	09/06/03	48	Newberry	Bruce Caudill	906.358.4226

WATER SUPPLY

Mutual Aid Tanker Shuttle						
05/03/03	8:00am	05/03/03	52	Marquette	Thomas Kidd	906.475.4144
06/14/03	8:00am	06/14/03	07	Baraga	Dan Sarazin	906.296.0725

TERRORISM

Emerg. Response to Terrorism: Basic Concepts						
04/25/03	9:00am	04/26/03	07	L'Anse	William Rinkinen	906.353.6039
06/06/03	6:00pm	06/07/03	22	Kingsford	Robert Schwarz	906.226.8174
06/28/03	9:00am	06/29/03	32	Kinde	Craig Enderle	989.678.0901
Emerg. Resp. To Terrorism: TC-HazMat						
04/24/03	8:00am	04/30/03	82	Brownstown	James Katona	734.955.2600
04/26/03	9:00am	04/27/03	58	Temperance	Ricky Kleinow	734.777.3608
05/01/03	9:00am	05/02/03	82	Garden City	John Smilnak	734.462.4745
05/09/03	6:30pm	05/11/03	42	Allouez	Ronald Csiki	906.296.0328
05/10/03	9:00am	05/11/03	07	Baraga	William Rinkinen	906.353.6039
08/01/03	8:00am	08/03/03	22	Kingsford	Robert Schwarz	906.226.8174
08/01/03	4:00pm	08/02/03	74	Port Huron	John Jeffries	810.989.5753
Emerg. Resp. to Terrorism: TC-EMS						
05/08/03	6:00pm	05/29/03	39	Kalamazoo	Patrick Butler	269.345.0313
05/19/03	9:00am	05/20/03	82	Garden City	John Smilnak	734.462.4745
06/07/03	9:00am	06/08/03	58	Carleton	Ricky Kleinow	734.777.3608
06/20/03	4:00pm	06/21/03	74	Port Huron	John Jeffries	810.989.5753
06/21/03	9:00am	06/22/03	07	Keweenaw Bay	William Rinkinen	906.353.6039
Emerg. Resp. to Terrorism: TC-CO						
04/26/03	6:00pm	04/27/03	74	Port Huron	John Jeffries	810.989.5753
07/11/03	6:00pm	07/12/03	07	Keweenaw Bay	William Rinkinen	906.353.6039
09/13/03	9:00am	09/14/03	42	Allouez	Ronald Csiki	906.296.0328
Emerg. Resp. To Terrorism: SCCO						
05/09/03	6:00pm	05/10/03	74	Port Huron	John Jeffries	810.989.5753
08/15/03	06:00pm	8/16/03	07	Keweenaw Bay	William Rinkinen	906.353.6039

Issues and answers continued from page seven

has time to match each specific required accommodation to the course's major objectives. This is a time consuming process and must be completed for each request received. The required paperwork includes, but is not limited to:

* FMD-270, "Special Accommodations Candidate Application - "ADA"

* FMD-271, "Special Accommodations Professional Verification - "ADA"

Supporting documentation submitted with form FMD-271, must be completed by a licensed or qualified professional whose credentials are appropriate to diagnose and evaluate the candidate's physical or learning disability and make recommenda-

tions for appropriate accommodations.

If you have questions pertaining to the programs and services provided by the Michigan Fire Fighters Training Council that you would like addressed in this column, please contact your MFFTC Region Supervisor listed on the back page of *Fire TIES*. If you have a

question, no doubt there are many others who probably have the same question. We look forward to hearing from you!
NOTE: Previous Issues & Answers columns are posted at www.mfftc.org.



Frequently Requested Statistics - 2001

(as reported by fire departments participating in NFIRS)

Category of Fires	Total Incidents	\$ Loss	Injuries	Deaths
Candle	298	\$6,240,833	26	8
Children playing with heat source *17under	819	\$5,593,645	66	16
Christmas tree	17	\$220,000	5	1
Clothes dryer	383	\$6,536,276	18	1
Cooking				
*includes cooking fires, confined to container	2,906	\$35,657,110	159	28
Educational Facilities K-12	279	\$2,813,021	1	0
Electrical	1,468	\$8,338,355	45	3
Electronic equipment	129	\$795,200	1	0
Fireworks	158	\$639,350	1	0
Heating				
*fireplace, chimney, wood stove, kerosene heaters	1,106	\$24,929,038	37	7
Holiday decorations, temp. extension cord/plug	35	\$241,025	2	0
Match/cigarette lighter	1,469	\$13,153,513	29	17
Smoking *cigarette, pipe, cigar	2,150	\$14,510,585	178	20
Residential Fires				
1 or 2-family dwelling	11,547	\$333,591,104	752	96
Multi-dwellings	1,239	\$22,294,636	74	41
Boarding/rooming house, residential hotels	37	\$1,448,580	3	0
Hotel/motel, commercial	66	\$4,713,911	9	0
Residential board and care	23	\$760,625	1	1
Dormitory type residence, other	12	\$326,200	2	2
Sorority house, fraternity house	1	\$7,623	0	0
Barracks, dormitory	9	\$2,225	1	0
Top Five Areas of Origin				
Kitchen 27%	3,493	\$215,993,536	158	28
Bedroom 16%	2,063	\$89,782,224	168	56
Common room, den, family/living room 11%	1,329	\$149,704,488	139	39
Basement/crawl space 6%	767	\$22,896,734	93	11
Laundry area 5%	698	\$6,538,276	25	4

Detroit totals are included in this report

If you have questions regarding the above report, please contact Mary Nemeth, NFIRS Program Manager, at 517.322.1939 or email at nemethm@michigan.gov.

For 2001 Statewide Fire Statistics and the Michigan Fire Service Directory log on to www.michigan.gov/msp, click on Services to Governmental Agencies, then go to State Fire Marshal.

RIC continued from page three

The drills showed that a 3000-psi SCBA bottle was good for 13.09 to 24.31 minutes of air. The average SCBA time was 18.7 minutes. The average time from mayday to removal was 21

minutes. RIC teams were running out of air during the fire fighter removal phase. In addition, it was taking a crew of 12 fire fighters to remove one fire fighter. Phase one of a RIC response is to send a

team in to locate the fire fighters in trouble. Once located, a second RIC team enters to remove the fire fighter.

Note: This article was reprinted with permission from www.thewatchdesk.com. Please contact Michael Ward at mward@nvcc.edu.

Fire Fighter - Paramedic/EMT

Covert Township Fire Department is accepting applications for full time Fire Fighter-Paramedic/EMT. Starting salary \$26,320-\$28,200 (depending on level of training).

Requirements: valid MI drivers license; high school diploma or GED; MI Certified FFI & II (or pre-service); MI Certified Hazardous Materials Operations; MI Licensed EMT Basic; Current BCLS. Preferred: MI licensed paramedic; current ACLS, PALS; 2 years of fire fighting experience.

Covert Township Fire Department is a combination FD with a career staff of 7 and paid-on-call staff of 14. Provides full fire suppression and ALS transport to a community with a population over 3,000 and covering 36 square miles along the shores of Lake MI in southwest Michigan.

Applications are available at the fire station or contact the department at 269.764.1768. Applications and resumes must be received by 5:00 pm on Friday, April 11, 2003.

Fire Training Institute - Oakland Community College

NFPA Plans Examiner I Program

April 8, 2003 through April 11, 2003

Contact: Cindy Mickey at 248.232.4580

Management Institute for Fire Marshal's

Two-Day Program on Strategic Planning for Fire Prevention Programs and How to Evaluate Your Current Fire Prevention Programs

April 29-30, 2003

Contact: Cindy Mickey at 248.232.4580

NFPA Plans Examiner I Class

The Kalamazoo Department of Public Safety Fire Marshal's Office will be sponsoring a NFPA Plans Examiner I class in Kalamazoo:

Date: July 28 - July 31, 2003 (Mon - Thurs)

Location: Raddison Hotel, Kalamazoo, MI

Cost: \$400 (includes continental breakfast each morning and lunch on Friday)

Contact: Fire Marshal Marty Myers @ 269.337.8285

The class will be limited to first 35 confirmed students.

Michigan Hazardous Materials Training Center Training Advisory

Applications are now being accepted for the following courses for **May 2003**. Please contact the Michigan State Police, Hazardous Materials Training Center, for further information at 517.322.1190.

Course Name	Dates	Cost
2003 MI Homeland Security Conference	Apr 30-May 2	\$200
Hazardous Materials Technician Advanced - Highway Cargo Tank	May 3	\$95
Highway Cargo Tank Specialty Course	May 5-6	\$195
Railroad Tank Car Specialty Course	May 7-9	\$395
Emergency Response to Hazardous Materials Incidents EPA 165.15	May 12-16	\$495
Rope Rescue II	May 19-21	\$375
Emergency Response Planning for Hazardous Materials Incidents	May 22-23	\$195
Confined Space Rescue - MUSAR	May 28-30	\$375

UP Firemen's Tournament

Date: July 24-26, 2003

Location: Crystal Falls, Michigan
Crystal Falls Fire Dept.

Chairperson: Dan Graff

Theme: Land of the Free in 2003

Information: 906.875.6614

Fire TIES

Fire TIES is published monthly to promote and maintain a fire safe environment with a focus on fire/fraud investigations, public fire safety and arson prevention education, fire statistics and analysis, and fire fighter training.

Opinions expressed are those of the authors and do not necessarily represent the opinions of the State Fire Marshal or the Michigan Fire Fighters Training Council, unless so noted in the article.

Material submitted to Fire TIES should be of current interest statewide and must be received by the first of the month prior to publication. Persons interested in furnishing material should forward it to: **Fire TIES**, State Fire Marshal's Office: 7150 Harris Drive, Lansing MI 48913.

Editorial Committee Members
Colleen Mohr-SFM 517.322.1750
Gregory Kirt-MFFTC 517.322.5444

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State of Michigan
Michigan State Police
Cashier - Fire TIES
714 S. Harrison Road
East Lansing, MI 48823

Calendar of Events

Service Directory

Fire Marshal Division Headquarters

TX: 517.322.1924

Fax: 517.322.2908

www.michigan.gov/msp

click on Services to

Governmental Agencies

click on State Fire Marshal

Fire Investigation

888.684.FIRE

Arson Hot Line

800.44.ARSON

Public Fire Education

517.322.1750

NFIRS

517.322.1939

MFFTC Headquarters

TX: 517.322.5444

FAX: 517.322.6540

www.mfftc.org

MFFTC Marquette

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FAX: 616.784.4498

crumg@michigan.gov

MFFTC Saginaw

Deward Beeler

TX: 888.879.6458

FAX: 989.758.1980

beelerd@michigan.gov

APRIL

- 1 **MI Arson Prevention Committee**, Brighton House, Brighton
- 2 **MI Fire Service Instructors Association**, 11:00 a.m., Mt. Pleasant
- 8 **Metropolitan Detroit Fire Inspectors Society**, location TBA
- 9 **MI Fire Fighters Training Council**, 9:00 a.m. work session, 10:00 a.m. business meeting, General Office Building, Lansing
- 10 **MI Fire Service EXPO Committee**, 8:30 a.m., Amway Grand Plaza, Grand Rapids
- 17 **MI Joint Fire Service Council**, 10:30 a.m., Location TBA
- 26 **U.P. Fire Chiefs Association**, Spring Meeting, Ishpeming, 10:00 a.m.
- 28-30 **MI Traffic Safety Summit and Secondary Road Patrol Conference**, Amway Grand Plaza, Grand Rapids
- 30 **Southeastern MI Association of Fire Chiefs**, Executive Board, 10:00 a.m., Troy

MAY

- 7 **MI Fire Service Instructors Association**, 9:00 a.m., Macomb (regional)
- 8 **Southeastern MI Association of Fire Chiefs**, Burton
- 10 **MI State Firemen's Association**, Deerfield Twp FD, Mt. Pleasant
- 15 **MI Fire Service EXPO Committee**, 8:30 a.m., General Office Building, Conf. Rm B, Lansing
- 15 **MI Joint Fire Service Council**, 10:30 a.m., General Office Building, Conf. Rm. B, Lansing
- 17-18 **MI State Firemen's Association**, Spring Fire School, TBA
- 28 **MI Association of Fire Chiefs**, Executive Board, Holland
- 28 **Southeastern MI Association of Fire Chiefs**, 10:00 a.m., Executive Board, Troy

JUNE

- 3 **MI Arson Prevention Committee**, Brighton House, Brighton
- 10 **Metropolitan Detroit Fire Inspectors Society**, location TBA
- 11 **MI Fire Fighters Training Council**, 9:00 a.m. work session, 10:00 a.m. business meeting, General Office Building, Lansing
- 18 **MI Fire Service Instructors Association**, 9:00 a.m., Grand Rapids
- 18-22 **MI Fire Service EXPO**, Amway Grand Plaza, Grand Rapids
- 19 **Northern MI Fire Chiefs Association**, Location TBA
- 20 **MI State Firemen's Association**, Grand Rapids
- 25 **Southeastern MI Association of Fire Chiefs**, 10:00 a.m., Executive Board, Troy

To submit activities for this calendar, call Colleen Mohr at 517.322.1750 Fax 517.322.2908 or mohrc@michigan.gov

"Quote of the Month"

"Even if you're on the right track, you will get run over if you just sit there."

Will Rogers

If you would like to share your favorite quote, please send it to Colleen Mohr and include the author if known.